Below assignment question for FE developer.

**Instructions**

* Clean Code
* Componentization
* Unit Testing (Jest and Enzyme)
* Please upload only source files and do not include any libraries or executables or node\_modules folder.
* Can send by zip file or share git
* Should be in - React and ES6+

You have to build a notes/todo list application. The application can support the following types of notes

* Text notes
* Image notes
* Location notes

**Features**

* Each note has to be stored in the local
* Each note can belong to a category, however creating a category should not be mandatory, one should be allowed to create notes that do not belong to any category.
* Every note can be deleted, and create functionality of archiving.
* Implement the feature to search notes
* A fake login web page using a JWT token strategy ([http://jwt.io](http://jwt.io/))

**Note**

* You will have to use localstorage / IndexedDB for storing data.
* For location, when one enters an address, it should be displayed as an embedded js map using Google Maps js library

**Important Links**

* [**Saving images using IndexedDB**](https://hacks.mozilla.org/2012/02/storing-images-and-files-in-indexeddb/)
* [**IndexedDB API**](https://developer.mozilla.org/en-US/docs/Web/API/IndexedDB_API)
* [**Saving images in local storage**](https://hacks.mozilla.org/2012/02/saving-images-and-files-in-localstorage/)
* [**Google Maps API**](https://developers.google.com/maps/documentation/javascript/)